



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/074,946	02/12/2002	Michele C. Minninger	2002P02432 US	6966

7590 05/18/2005

Siemens Corporation
Intellectual Property Department
186 South Wood Avenue South
Iselin, NJ 08830

EXAMINER

SHAH, SANJIV

ART UNIT	PAPER NUMBER
----------	--------------

2176

DATE MAILED: 05/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/074,946

Applicant(s)

MINNINGER, MICHELE C.

Examiner

Sanjiv D. Shah

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 April 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2/12/02.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-20 are pending.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-6, 8-16, 18-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Overturf et al.

Regarding claims 1, 11, Overturf et al. teaches the claimed invention of a system for transforming data of a first data structure to a different second data structure compatible with an executable application, (See abstract, lines 1-5) comprising:

a pre-processor for acquiring data elements from a first data structure and collating said acquired data elements into a source file having a source data format; (See abstract, lines 12-14, wherein Overturf teaches data extraction to source file)

a processor for mapping data elements in said source file having said source data format into an output file having a different second data format (See abstract, lines 5-8, wherein Overturf teaches generating a cross reference between source document and target document which is equivalent to claimed mapping) in response to a selected one of a plurality of predetermined control data files determining a corresponding plurality of different second data formats; (See col. 4, lines 16-20, wherein Overturf teaches a

parser generating action diagram statements based on user selection to create necessary output format. This feature is equivalent to selecting control data files as claimed) and
an output processor for storing said output file for use by said application. (Col. 4, lines 57-63).

Regarding claims 2, 12, Overturf teaches the claimed invention of selected predetermined control data file does **at least one of**, (a) determine a row column structure for said output file second data format, b) **identify particular data elements to be mapped from said source file to output file**, (See col 4, lines 38-50, wherein Overturf teaches action diagram statement identifying data elements to be mapped or cross-referenced with output files) .

Regarding claims 3, 13, Overturf teaches the claimed invention of acquiring control data files from source as described in col. 4, lines 15-20.

Regarding claims 4, 14, Overturf teaches the claimed invention of pre-processor parsing data elements of said first data structure to include some elements in said source file and to exclude other elements from said source file in response to user entered data element selection information. (See col. 5, lines 37-42, wherein Overturf teaches translating portion of source program, which is equivalent to claimed feature).

Art Unit: 2176

Regarding claims 5, 6, 15, 16, Overturf teaches the claimed invention of selected control data file comprises **one of, (a) user entered information for directing said mapping of data elements in said source file to said output file,** (See col. 5, lines 20-25, wherein Overturf teaches translating user selected statements)

Regarding claims 8, 18, Overturf teaches the claimed invention of output file being flat file (See col. 4, lines 57-60).

Regarding claims 9, 19, Overturf teaches the claimed invention of cross mapping as described in col. 2, lines 37-42.

Regarding claims 10, 20, Overturf teaches the claimed invention of identifying the error as described in col. 5, lines 20-28.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 7 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Overturf et al. (Patent # 6,151,702) in view of Upson et al. (Patent # 5,694,578).

Art Unit: 2176

Regarding claims 7, 17, Overturf teaches the claimed invention as described above.

Overturf teaches a cross referencing or mapping but fails to teach control files as mapping templates as claimed. Upson et al teaches data structure format conversion using templates as described in the abstract of the invention. Therefore it would have been obvious for a person with ordinary skill in the art at the time the invention was made to incorporate mapping templates in the method of Overturf because it provides the user with ease of using identical template for many diverse instances of a particular data structure as described in Upson, col. 5, lines 1-5.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sanjiv D. Shah whose telephone number is (571) 272-4098. The examiner can normally be reached on M-F 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on (571) 272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 10/074,946
Art Unit: 2176

Page 6

A handwritten signature in black ink, appearing to read 'Sanjiv D. Shah', with a long horizontal flourish extending to the right.

Sanjiv D. Shah
Primary Examiner
Art Unit 2176

S. Shah
May 15, 2005